

FIG. 1, native human IL-13 (SEQ ID NO. 1)

G P V P P S T A L R E L I E E L V N I T Q N Q K
A P L C N G S M V W S I N L T A G M Y C A A L E
S L I N V S G C S A I E K T Q R M L S G F C P H
K V S A G Q F S S L H V R D T K I E V A Q F V K
D L L L H L K K L F R E G R F N *

FIG. 2, native murine IL-13 (SEQ ID NO. 2)

G P V P R S V S L P L T L K E L I E E L S N I T Q
D Q T P L C N G S M V W S V D L A A G G F C V A
L D S L T N I S N C N A I Y R T Q R I L H G L C
N R K A P T T V S S L P D T K I E V A H F I T K
L L S Y T K Q L F R H G P F *

FIG. 4, IL-13 sequences from non-human primates

1 S P V P P S T A L K E L I E E L V N I T
1 S P V P R S T A L K E L I E E L V N I T
1 G P V P P Y T A L K E L I E E L V N I T

21 Q N Q K A P L C N G S M V W S I N L T A
21 Q N Q K A P L C N G S M V W S I N L T A
21 Q N Q K A P L C N G S M V W S I N M T A

41 G V Y C A A L E S L I N V S G C S A I E
41 G V Y C A A L E S L I N V S G C S A I E
41 G V Y C A A L E S L I N V S G C S A I E

61 K T Q R M L N G F C P H K V S A G Q F S
61 K T Q R M L N G F C P H K V S A G Q F S
61 K T Q R M L S G F C P H K V S A G Q F S

81 S L R V R D T K I E V A Q F V K D L L V
81 S L R V R D T K I E V A Q F V K D L L V
81 S L L V R D T K I E V A Q F V K D L L R

101 H L K K L F R E G Q F N . cynomolgus IL13 SEQ ID NO.7
101 H L K K L F R E G R F N . rhesus IL13 SEQ ID NO.8
101 H L R K L F H Q G T F N . marmoset IL13 SEQ ID NO.9

FIG. 5, Immunogen 1 (SEQ ID NO. 10)

```
1  GGCCCTGTGCCTCCCTCTAGCGCCCTCAAGGAGCTCATTGAGGAGCTGGCCAACATCACC 60
   -----+-----+-----+-----+-----+-----+
   CCGGGACACGGAGGGAGATCGCGGGAGTTCTTCGAGTAACTCCTCGACCGGTTGTAGTGG
   G P V P P S S A L K E L I E E L A N I T

61  CAGAACCAGAAGGCTCCGCTCTGCAATGGCAGCATGGTATGGAGCATCAACCTGACAGCT 120
   -----+-----+-----+-----+-----+
   GTCTTGGTCTTCCGAGGCGAGACGTTACCGTCGTACCATACTCGTAGTTGGACTGTCTGA
   Q N Q K A P L C N G S M V W S I N L T A

121  GGCATGTACTGTGCAGCCCTGGACTCCCTGATCAACGTGTCAGGCTGCAGTGCCATCGAG 180
   -----+-----+-----+-----+-----+
   CCGTACATGACACGTCGGGACCTGAGGGACTAGTTGCACAGTCCGACGTCACGGTAGCTC
   G M Y C A A L D S L I N V S G C S A I E

181  CGGACCCAGAGGATCTTGAGCGCCTTCTGCCCGCACAAAGGTCTCAGCTGGGCAGTTTTC 240
   -----+-----+-----+-----+-----+
   GCCTGGGTCTCCTAGAACTCGCGGAAGACGGGCGTGTTCCAGAGTCGACCCGTCAAAGG
   R T Q R I L S A F C P H K V S A G Q F S

241  AGCTTGCGTGTCCGAGACACCAAATCGAGGTGGCCCAGTTTGTAACGGACCTGCTCGTA 300
   -----+-----+-----+-----+-----+
   TCGAACGCACAGGCTCTGTGGTTTTAGCTCCACCGGGTCAAACATTGCCTGGACGAGCAT
   S L R V R D T K I E V A Q F V T D L L V

301  CATTTAAAGAGACTTTTTTCGCCAGGGAACGTTCAAC 336
   -----+-----+-----+-----+
   GTAAATTTCTCTGAAAAAGCGGTCCCTTGCAAGTTG
   H L K R L F R Q G T F N
```

FIG. 6, Immunogen 2 (SEQ ID NO. 11)

G	P	V	P	P	S	T	A	L	R	E	L	I	E	E	L	V	N	I	T
Q	N	Q	K	A	P	L	C	N	G	S	M	V	W	S	I	N	L	T	A
G	M	Y	C	A	A	L	E	S	L	I	N	V	S	G	C	S	A	I	E
K	T	Q	R	M	L	G	G	F	C	P	H	K	F	N	N	F	T	V	S
F	W	L	R	V	P	K	V	S	A	S	H	L	E	D	T	K	I	E	V
A	Q	F	V	K	D	L	L	L	H	L	K	K	L	F	R	E	G	R	F
N																			

FIG. 7, Immunogen 3 (SEQ ID NO. 12)

F	N	N	F	T	V	S	F	W	L	R	V	P	K	V	S	A	S	H	L
E	G	P	V	P	P	S	T	A	L	R	E	L	I	E	E	L	V	N	I
T	Q	N	Q	K	A	P	L	C	N	G	S	M	V	W	S	I	N	L	T
A	G	M	Y	C	A	A	L	E	S	L	I	N	V	S	G	C	S	A	I
E	K	T	Q	R	M	L	G	G	F	C	P	H	K	V	S	A	G	Q	F
S	S	L	H	V	R	D	T	K	I	E	V	A	Q	F	V	K	D	L	L
L	H	L	K	K	L	F	R	E	G	R	F	N							

FIG. 8, Immunogen 4 (SEQ ID NO. 13)

G	P	V	P	R	S	V	S	L	P	L	T	L	K	E	L	I	E	E	L
S	N	I	T	Q	D	Q	T	P	L	C	N	G	S	M	V	W	S	V	D
L	A	A	G	G	F	C	V	A	L	D	S	L	T	N	I	S	N	C	N
A	I	Y	R	T	Q	R	I	L	H	G	L	C	N	R	K	F	N	N	F
T	V	S	F	W	L	R	V	P	K	V	S	A	S	H	L	E	D	T	K
I	E	V	A	H	F	I	T	K	L	L	S	Y	T	K	Q	L	F	R	H
P	F																		G

FIG. 9, Immunogen 5 (SEQ ID NO. 14)

F	N	N	F	T	V	S	F	W	L	R	V	P	K	V	S	A	S	H	L
E	G	P	V	P	R	S	V	S	L	P	L	T	L	K	E	L	I	E	E
L	S	N	I	T	Q	D	Q	T	P	L	C	N	G	S	M	V	W	S	V
D	L	A	A	G	G	F	C	V	A	L	D	S	L	T	N	I	S	N	C
N	A	I	Y	R	T	Q	R	I	L	H	G	L	C	N	R	K	A	P	T
T	V	S	S	L	P	D	T	K	I	E	V	A	H	F	I	T	K	L	L
S	Y	T	K	Q	L	F	R	H	G	P	F								

FIG. 10 Immunogen 6 (SEQ ID NO. 15)

F	N	N	F	T	V	S	F	W	L	R	V	P	K	V	S	A	S	H	L
E	G	P	V	P	R	S	V	S	L	P	V	T	L	K	E	L	I	E	E
L	T	N	I	T	Q	D	Q	T	P	L	C	N	G	S	M	V	W	S	V
D	L	A	A	G	G	F	C	V	A	L	D	S	L	T	N	I	S	N	C
N	A	I	F	R	T	Q	R	I	L	H	A	L	C	N	R	K	A	P	T
T	V	S	S	L	P	D	T	K	I	E	V	A	H	F	I	T	K	L	L
T	Y	T	K	N	L	F	R	R	G	P	F								

FIG 11, Immunogen 7 (SEQ ID NO. 16)

```
TACGTACATTCCGACGGCTCTTATCCAAAAGACAAGTTTGAGAAAATCAATGGCACTTGG
-----+-----+-----+-----+-----+
Y V H S D G S Y P K D K F E K I N G T W

TACTACTTTGACAGTTCAGGCTATATGCTTGCAGACCGCTGGAGGAAGCACACAGACGGC
-----+-----+-----+-----+-----+
Y Y F D S S G Y M L A D R W R K H T D G

AACTGGTACTGGTTTCGACAACCTCAGGCGAAATGGCTACAGGCTGGAAGAAAATCGCTGAT
-----+-----+-----+-----+-----+
N W Y W F D N S G E M A T G W K K I A D

AAGTGGTACTATTTCACGAAGAAGGTGCCATGAAGACAGGCTGGGTCAAGTACAAGGAC
-----+-----+-----+-----+-----+
K W Y Y F N E E G A M K T G W V K Y K D

ACTTGGTACTACTTAGACGCTAAAGAAGGCGCCATGCAATACATCAAGGCTAACTCTAAG
-----+-----+-----+-----+-----+
T W Y Y L D A K E G A M Q Y I K A N S K

TTCATTGGTATCACTGAAGGCGTCATGGTATCAAATGCCTTTATCCAGTCAGCGGACGGA
-----+-----+-----+-----+-----+
F I G I T E G V M V S N A F I Q S A D G

ACAGGCTGGTACTACCTCAAACCAGACGGAACACTGGCAGACAGGCCAGAAGGCCCTGTG
-----+-----+-----+-----+-----+
T G W Y Y L K P D G T L A D R P E G P V

CCTCCCTCTAGCGCCCTCAAGGAGCTCATTGAGGAGCTGGCCAACATCACCCAGAACCAG
-----+-----+-----+-----+-----+
P P S S A L K E L I E E L A N I T Q N Q

AAGGCTCCGCTCTGCAATGGCAGCATGGTATGGAGCATCAACCTGACAGCTGGCATGTAC
-----+-----+-----+-----+-----+
K A P L C N G S M V W S I N L T A G M Y

TGTCAGCCCTGGACTCCCTGATCAACGTGTCAGGCTGCAGTGCCATCGAGCGGACCCAG
-----+-----+-----+-----+-----+
C A A L D S L I N V S G C S A I E R T Q

AGGATCTTGAGCGCCTTCTGCCCCACAAAGGTCTCAGCTGGGCAGTTTTCCAGCTTGGCT
-----+-----+-----+-----+-----+
R I L S A F C P H K V S A G Q F S S L R

GTCCGAGACACCAAAATCGAGGTGGCCAGTTTGTAACGGACCTGCTCGTACATTTAAAG
-----+-----+-----+-----+-----+
V R D T K I E V A Q F V T D L L V H L K

AGACTTTTTTCGCCAGGGAACGTTCAAC
-----+-----+-----+
R L F R Q G T F N
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FIG. 12, Immunogen 8 (SEQ ID NO. 17)

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TCCTCTCATCTCTTAACATGGCGAACACCCAGATGAAGTCCGATAAAATCATCATCGCG
-----+-----+-----+-----+-----+
S S H S S N M A N T Q M K S D K I I I A

CACAGGGGAGCTAGCGGGTATCTGCCTGAGCACACCCTGGAGTCCAAGGCTCTGGCGTTT
-----+-----+-----+-----+-----+
H R G A S G Y L P E H T L E S K A L A F

GCCCAGCAGGCTGACTACCTGGAGCAGGACCTGGCGATGACAAAGGATGGCCGCCTCGTG
-----+-----+-----+-----+-----+
A Q Q A D Y L E Q D L A M T K D G R L V

GTGATCCATGACCATTTTCTCGACGGACTGACCGACGTGCGCAAGAAGTTCCCCACCGC
-----+-----+-----+-----+-----+
V I H D H F L D G L T D V A K K F P H R

CATAGGAAGGACGGGAGGTATTACGTGATTGACTTCACCCTCAAGGAGATCCAGAGCCTG
-----+-----+-----+-----+-----+
H R K D G R Y Y V I D F T L K E I Q S L

GAGATGACCGAGAACTTCGAGACCGGCCCTGTGCCTCCCTCTAGCGCCCTCAAGGAGCTC
-----+-----+-----+-----+-----+
E M T E N F E T G P V P P S S A L K E L

ATTGAGGAGCTGGCCAACATCACCCAGAACCAGAAGGCTCCGCTCTGCAATGGCAGCATG
-----+-----+-----+-----+-----+
I E E L A N I T Q N Q K A P L C N G S M

GTATGGAGCATCAACCTGACAGCTGGCATGTACTGTGCAGCCCTGGACTCCCTGATCAAC
-----+-----+-----+-----+-----+
V W S I N L T A G M Y C A A L D S L I N

GTGTCAGGCTGCAGTGCCATCGAGCGGACCCAGAGGATCTTGAGCGCCTTCTGCCCCGAC
-----+-----+-----+-----+-----+
V S G C S A I E R T Q R I L S A F C P H

AAGGTCTCAGCTGGGCAGTTTTCCAGCTTGCGTGTCCGAGACACCAAATCGAGGTGGCC
-----+-----+-----+-----+-----+
K V S A G Q F S S L R V R D T K I E V A

CAGTTTGTAACGGACCTGCTCGTACATTTAAAGAGACTTTTTCGCCAGGGAACGTTCAAC
-----+-----+-----+-----+-----+
Q F V T D L L V H L K R L F R Q G T F N
```

FIG. 13, Immunogen 9 (SEQ ID NO. 18)

```
TTTAATAATTTTACCGTTAGCTTTTGGTTGCGTGTTCCCTAAAGTATCTGCTAGTCATTTA
-----+-----+-----+-----+-----+-----+
F N N F T V S F W L R V P K V S A S H L

GAAGGCCCTGTGCCTCCCTCTAGCGCCCTCAAGGAGCTCATTGAGGAGCTGGCCAACATC
-----+-----+-----+-----+-----+
E G P V P P S S A L K E L I E E L A N I

ACCCAGAACCAGAAGGCTCCGCTCTGCAATGGCAGCATGGTATGGAGCATCAACCTGACA
-----+-----+-----+-----+-----+
T Q N Q K A P L C N G S M V W S I N L T

GCTGGCATGTACTGTGCAGCCCTGGACTCCCTGATCAACGTGTCAGGCTGCAGTGCCATC
-----+-----+-----+-----+-----+
A G M Y C A A L D S L I N V S G C S A I

GAGCGGACCCAGAGGATCTTGAGCGCCTTCTGCCCCGACAAAGGTCTCAGCTGGGCAGTTT
-----+-----+-----+-----+-----+
E R T Q R I L S A F C P H K V S A G Q F

TCCAGCTTGCGTGTCGAGACACCAAAATCGAGGTGGCCCAGTTTGTAACGGACCTGCTC
-----+-----+-----+-----+-----+
S S L R V R D T K I E V A Q F V T D L L

GTACATTTAAAGAGACTTTTTCGCCAGGGAACGTTCAAC
-----+-----+-----+-----+
V H L K R L F R Q G T F N
```


FIG. 14, Immunogen 10 (SEQ ID NO. 19)

```
TTTAATAATTTTACCGTTAGCTTTTGGTTGCGTGTTCCCTAAAGTATCTGCTAGTCATTTA
-----+-----+-----+-----+-----+-----+
F N N F T V S F W L R V P K V S A S H L

GAAGGCCCTGTGCCTCCCTCTAGCGCCCTCAAGATTCTCATTGAGGAGCTGGCCAACATC
-----+-----+-----+-----+-----+-----+
E G P V P P S S A L K I L I E E L A N I

ACCCAGAACCAGAAGGCTCCGCTCTGCAATGGCAGCATGGTATGGAGCATCAACCTGACA
-----+-----+-----+-----+-----+-----+
T Q N Q K A P L C N G S M V W S I N L T

GCTGGCATGTACTGTGCAGCCCTGGACTCCCTGATCAACGTGTCAGGCTGCAGTGCCATC
-----+-----+-----+-----+-----+-----+
A G M Y C A A L D S L I N V S G C S A I

GAGCGGACCCAGAGGATCTTGAGCGCCTTCTGCCCCGACAAAGGTCTCAGCTGGGCAGTTT
-----+-----+-----+-----+-----+-----+
E R T Q R I L S A F C P H K V S A G Q F

TCCAGCTTGCGTGTCCGAGACACCAAAATCGAGGTGGCCCAGTTTGTAAACGGACCTGCTC
-----+-----+-----+-----+-----+-----+
S S L R V R D T K I E V A Q F V T D L L

GTACATTTAAAGAGACTTTTTTCGCCAGGGAACGTTCAAC
-----+-----+-----+-----+-----+
V H L K R L F R Q G T F N
```

FIG 15, Immunogen 11 (SEQ ID NO. 20)

G P V P P S S A L K E L I E E L A N I T
Q N Q K A P L C N G S M V W S I N L T A
G M Y C A A L D S L I N V S G C S A I E
R T Q R I L S A F C P H K V S A G Q F S
S L H V R D T K I E V A Q F V T D L L V
H L K R L F R Q G R F N

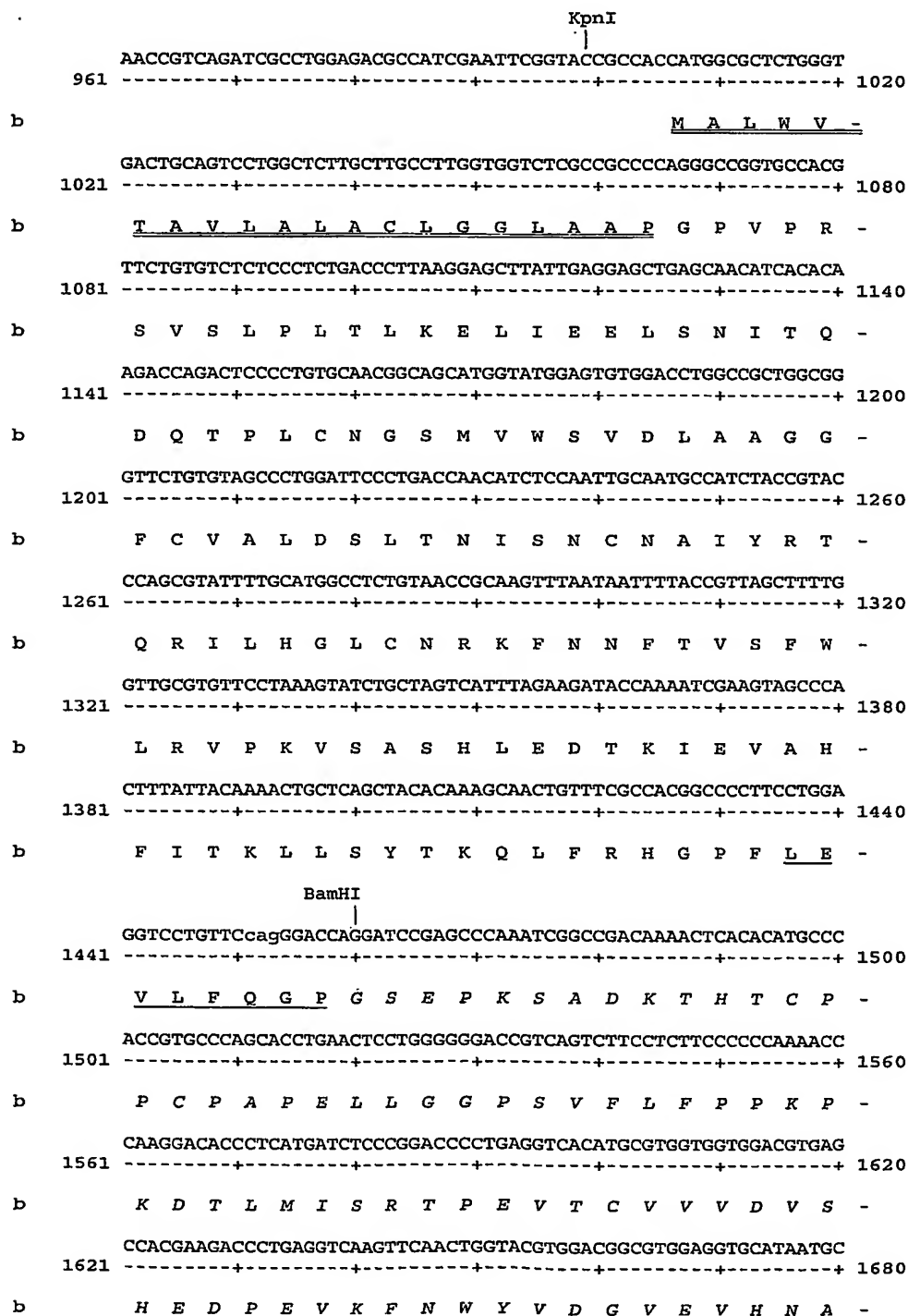
FIG. 16, Immunogen 12 (SEQ ID NO. 21)

G P V P P S T A L K E L I E E L V N I T
Q N Q K A P L C N G S M V W S I N L T A
G M Y C A A L D S L I N V S G C S A I E
R T Q R I L S A F C P H K V S A G Q F S
S L R V R D T K I E V A Q F V T D L L V
H L K K L F R Q G T F N

FIG. 17, Immunogen 13 (SEQ ID NO. 22)

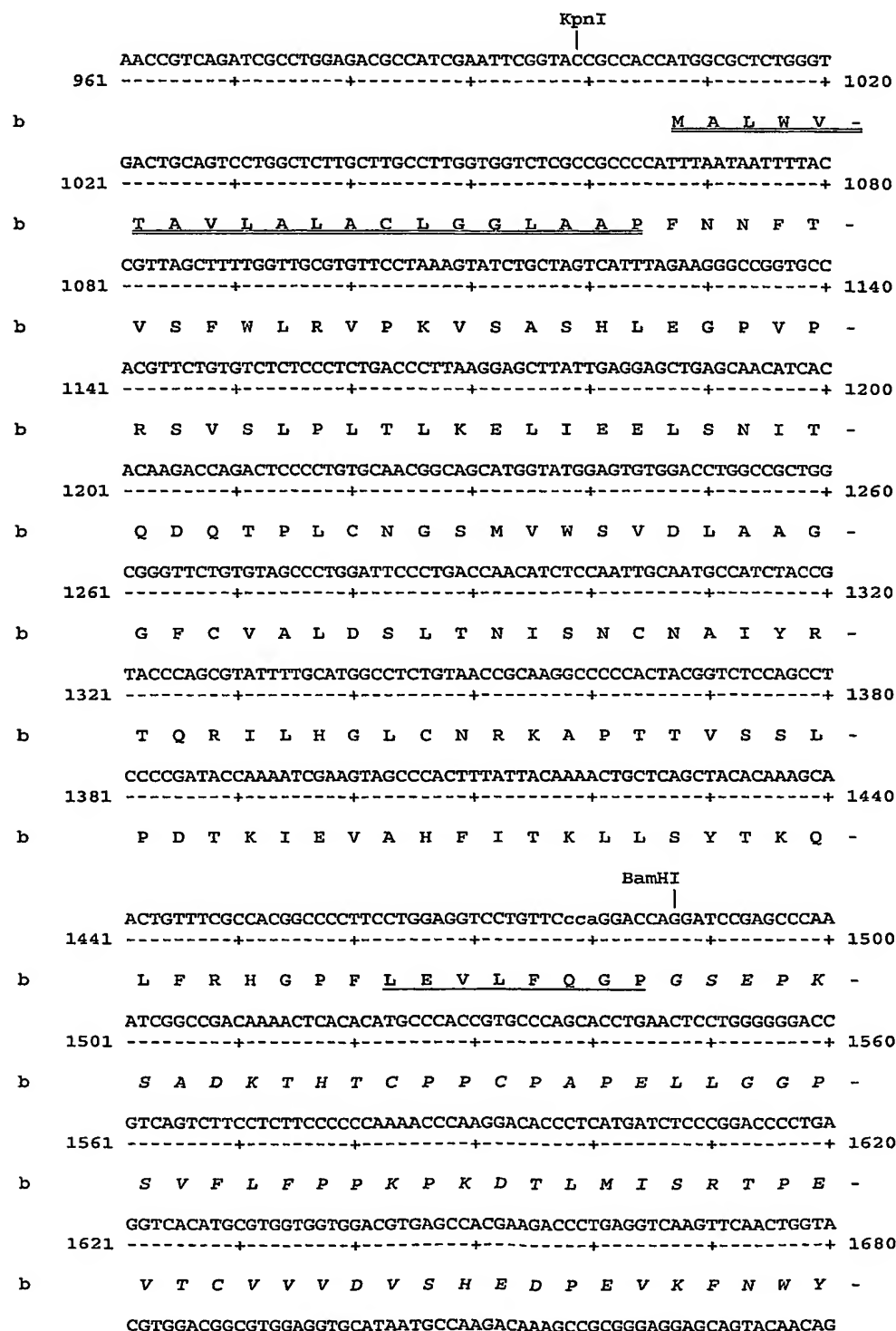
G P V P P S S A L R E L I E E L A N I T Q N Q K A P L C N G
S M V W S I N L T A G M Y C A A L E S L I N V S G C S A I D
K T Q R M L S A F C P H K V S A G Q F S S L H V R D T K I E
V A Q F V K D L L V H L K R L F R D G R F N

FIG. 18, pCDNmIL13CDFC (SEQ ID NO. 23)



CAAGACAAAGCCGCGGGAGGAGCAGTACAAC.....CGTGTGGTCAGCGTCCTCAC
1681 -----+-----+-----+-----+-----+-----+ 1740
b K T K P R E E Q Y N S T Y R V V S V L T -
CGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGC
1741 -----+-----+-----+-----+-----+-----+ 1800
b V L H Q D W L N G K E Y K C K V S N K A -
CCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACA
1801 -----+-----+-----+-----+-----+-----+ 1860
b L P A P I E K T I S K A K G Q P R E P Q -
GGTGTACACCCTGCCCCCATCCCGGGAGGAGATGACCAAGAACCAGGTGACCTGACCTG
1861 -----+-----+-----+-----+-----+-----+ 1920
b V Y T L P P S R E E M T K N Q V S L T C -
CCTGGTCAAAGGCTTCTATCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCC
1921 -----+-----+-----+-----+-----+-----+ 1980
b L V K G F Y P S D I A V E W E S N G Q P -
GGAGAACAACACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTA
1981 -----+-----+-----+-----+-----+-----+ 2040
b E N N Y K T T P P V L D S D G S F F L Y -
TAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGT
2041 -----+-----+-----+-----+-----+-----+ 2100
b S K L T V D K S R W Q Q G N V F S C S V -
GATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAA
2101 -----+-----+-----+-----+-----+-----+ 2160
b M H E A L H N H Y T Q K S L S L S P G K -
BamHI
|
ATGAGTGTAGATCCGTTAACGGTTACCAACTACCTAGGGATCCGTTAACGGTTACCAACT
2161 -----+-----+-----+-----+-----+-----+ 2220
b *

FIG. 19, pCDNmIL13p30FC (SEQ ID NO. 24)

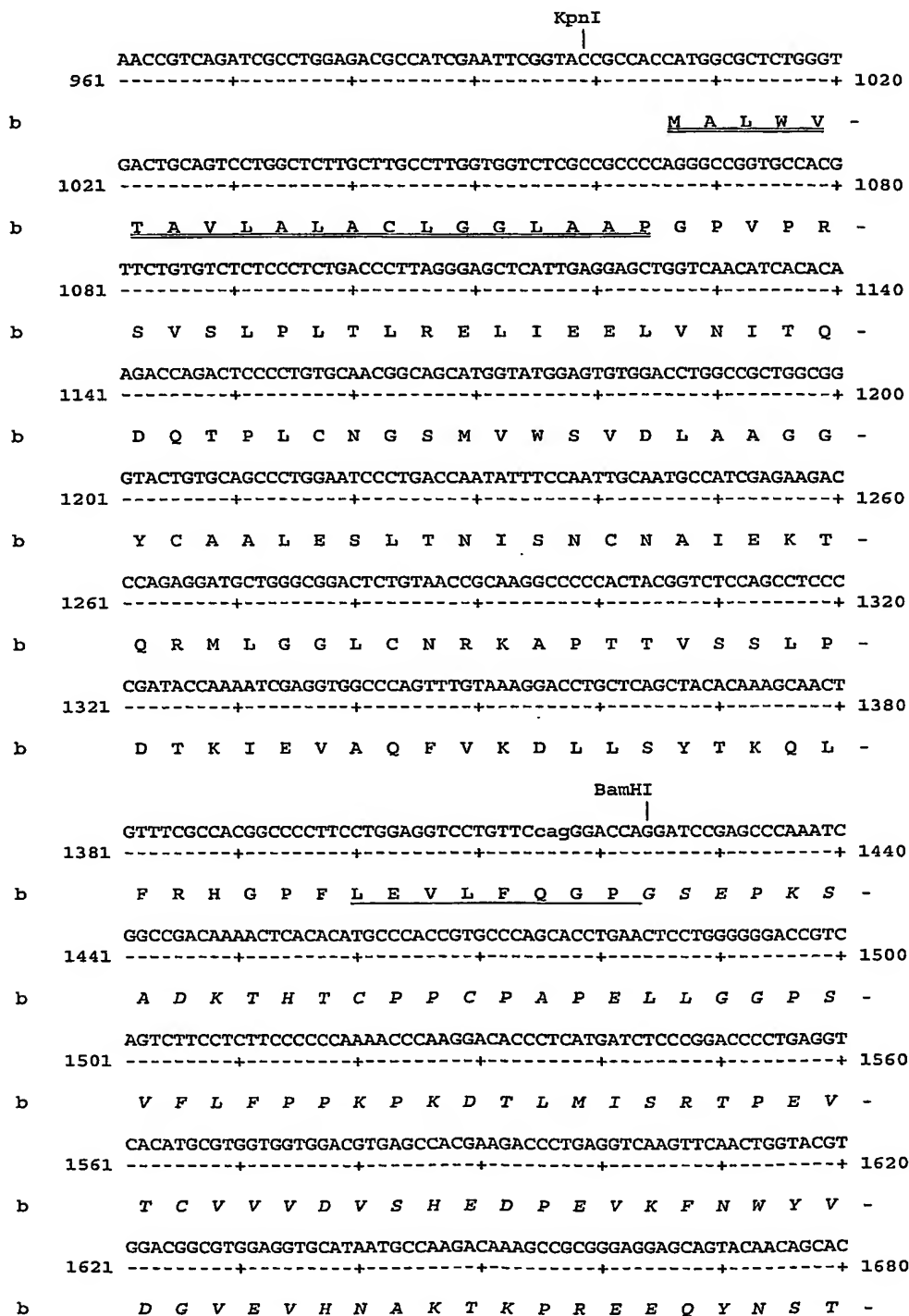


1681 -----+-----+-----+-----+-----+-----+ 1740
b V D G V E V H N A K T K P R E E Q Y N S -
CACGTACCGTGTGGTCAGCGTCCTCACCCTGCTGCACCAGGACTGGCTGAATGGCAAGGA
1741 -----+-----+-----+-----+-----+-----+ 1800
b T Y R V V S V L T V L H Q D W L N G K E -
GTACAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCATCGAGAAAACCATCTCCAA
1801 -----+-----+-----+-----+-----+-----+ 1860
b Y K C K V S N K A L P A P I E K T I S K -
AGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCATCCCGGGAGGAGAT
1861 -----+-----+-----+-----+-----+-----+ 1920
b A K G Q P R E P Q V Y T L P P S R E E M -
GACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCAGCGACATCGC
1921 -----+-----+-----+-----+-----+-----+ 1980
b T K N Q V S L T C L V K G F Y P S D I A -
CGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACACTACAAGACCACGCCTCCCGTGCT
1981 -----+-----+-----+-----+-----+-----+ 2040
b V E W E S N G Q P E N N Y K T T P P V L -
GGACTCCGACGGCTCCTTCTCCTCTATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCA
2041 -----+-----+-----+-----+-----+-----+ 2100
b D S D G S F F L Y S K L T V D K S R W Q -
GCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCA
2101 -----+-----+-----+-----+-----+-----+ 2160
b Q G N V F S C S V M H E A L H N H Y T Q -
GAAGAGCCTCTCCCTGTCTCCGGTAAATGAGTGTAGATCCGTTAACGGTTACCAACTAC
2161 -----+-----+-----+-----+-----+-----+ 2220
b K S L S L S P G K * -

[illegible]

CGTGGACGGCGTGGAGGTGCATAATGCCAA 3CGGGAGGAGCAGTACAACAG
1681 -----+-----+-----+-----+-----+-----+ 1740
b V D G V E V H N A K T K P R E E Q Y N S -
CACGTACCGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGA
1741 -----+-----+-----+-----+-----+-----+ 1800
b T Y R V V S V L T V L H Q D W L N G K E -
GTACAAGTGCAAGGTCTCCAACAAAGCCCTCCAGCCCCATCGAGAAAACCATCTCCAA
1801 -----+-----+-----+-----+-----+-----+ 1860
b Y K C K V S N K A L P A P I E K T I S K -
AGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGAGGAGAT
1861 -----+-----+-----+-----+-----+-----+ 1920
b A K G Q P R E P Q V Y T L P P S R E E M -
GACCAAGAACCAGGTGAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCAGCGACATCGC
1921 -----+-----+-----+-----+-----+-----+ 1980
b T K N Q V S L T C L V K G F Y P S D I A -
CGTGGAGTGGGAGAGCAATGGGCAGCCGAGAACTACAAGACCACGCCTCCCGTGCT
1981 -----+-----+-----+-----+-----+-----+ 2040
b V E W E S N G Q P E N N Y K T T P P V L -
GGACTCCGACGGCTCCTTCTCTCTATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCA
2041 -----+-----+-----+-----+-----+-----+ 2100
b D S D G S F F L Y S K L T V D K S R W Q -
GCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCA
2101 -----+-----+-----+-----+-----+-----+ 2160
b Q G N V F S C S V M H E A L H N H Y T Q -
GAAGAGCCTCTCCCTGTCTCCGGGTAAATGAGTGTAGATCCGTTAACGGTTACCAACTAC
2161 -----+-----+-----+-----+-----+-----+ 2220
b K S L S L S P G K *

FIG. 21, pCDNIL13oldFC (SEQ ID NO. 29)



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      GTACCGTGTGGTCAGCGTCCTCACCGTCC?      .CTGGCTGAATGGCAAGGAGTA
1681 -----+-----+-----+-----+-----+ 1740
b      Y R V V S V L T V L H Q D W L N G K E Y -
      CAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCATCGAGAAAACCATCTCCAAAGC
1741 -----+-----+-----+-----+-----+ 1800
b      K C K V S N K A L P A P I E K T I S K A -
      CAAAGGGCAGCCCCGAGAACCACAGGTGTACACCGTGCCCCATCCCGGGAGGAGATGAC
1801 -----+-----+-----+-----+-----+ 1860
b      K G Q P R E P Q V Y T L P P S R E E M T -
      CAAGAACCAGGTGAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGT
1861 -----+-----+-----+-----+-----+ 1920
b      K N Q V S L T C L V K G F Y P S D I A V -
      GGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACACTACAAGACCACGCCTCCCGTGCTGGA
1921 -----+-----+-----+-----+-----+ 1980
b      E W E S N G Q P E N N Y K T T P P V L D -
      CTCCGACGGCTCCTTCTTCCTCTATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCA
1981 -----+-----+-----+-----+-----+ 2040
b      S D G S F F L Y S K L T V D K S R W Q Q -
      GGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAA
2041 -----+-----+-----+-----+-----+ 2100
b      G N V F S C S V M H E A L H N H Y T Q K -
      GAGCCTCTCCCTGTCTCCGGGTAAATGAGTGTAGATCCGTTAACGGTTACCAACTACCTA
2101 -----+-----+-----+-----+-----+ 2160
b      S L S L S P G K * -
```

Figure 22,

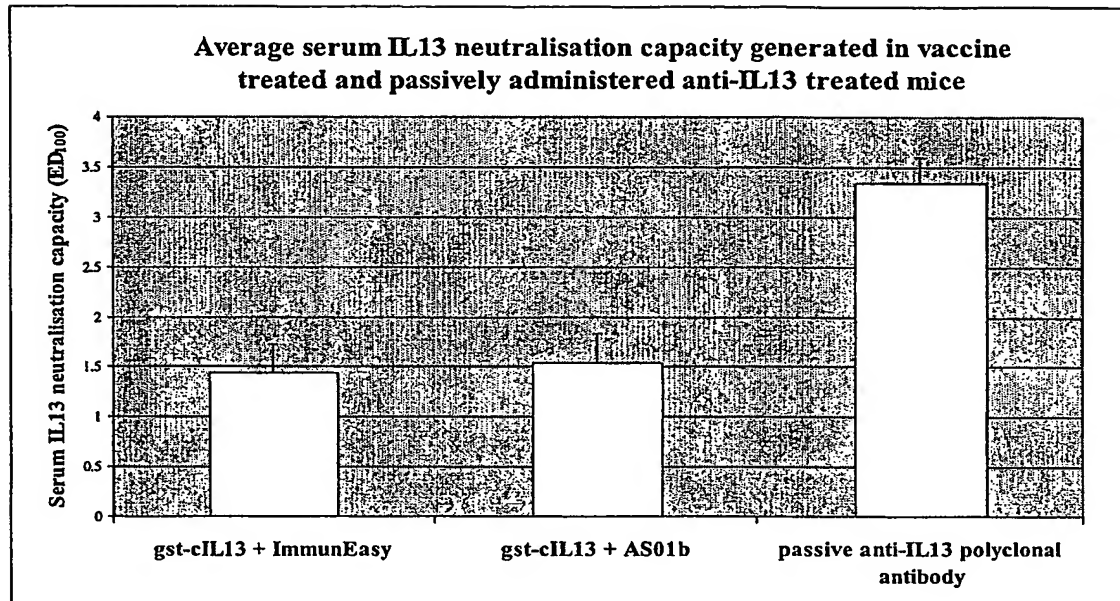
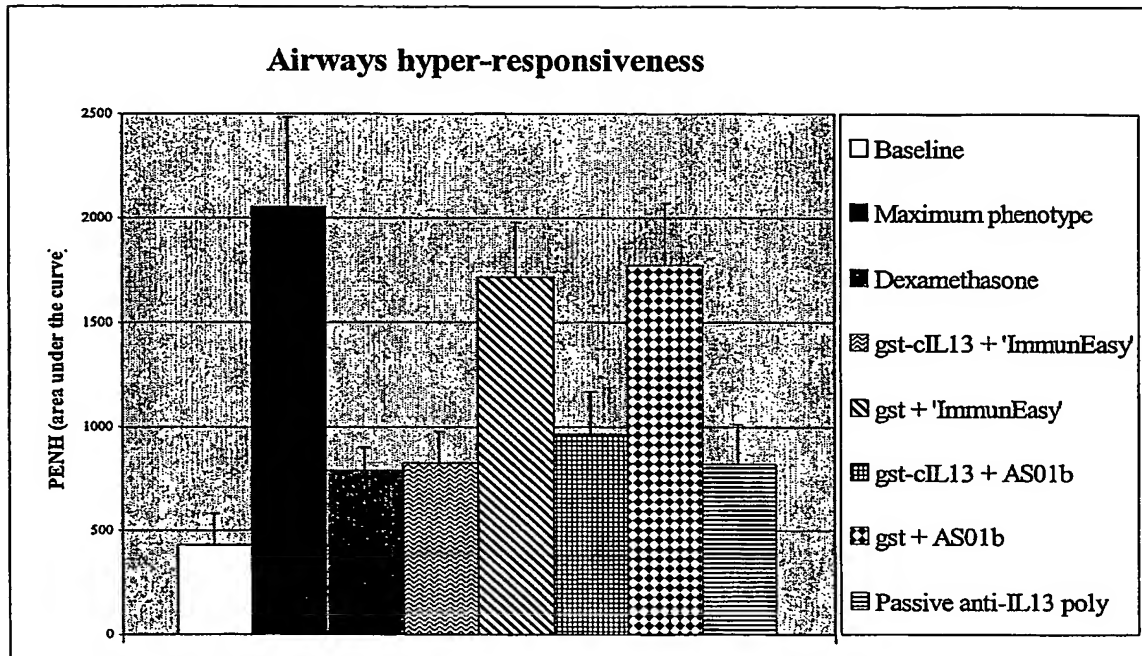


Figure 23,



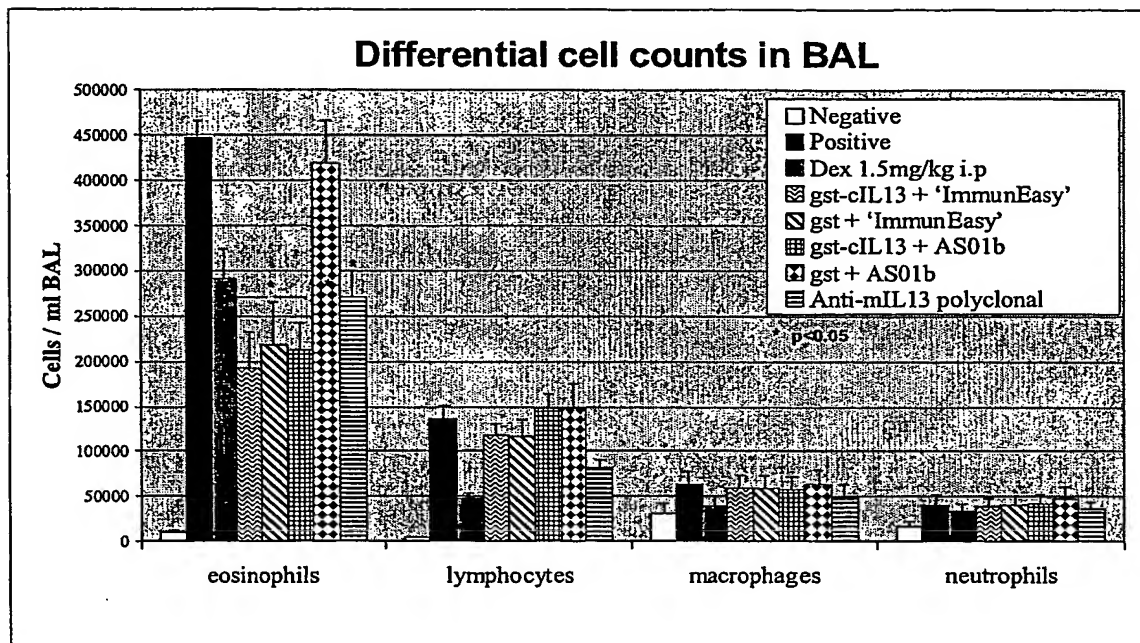


Figure 25,

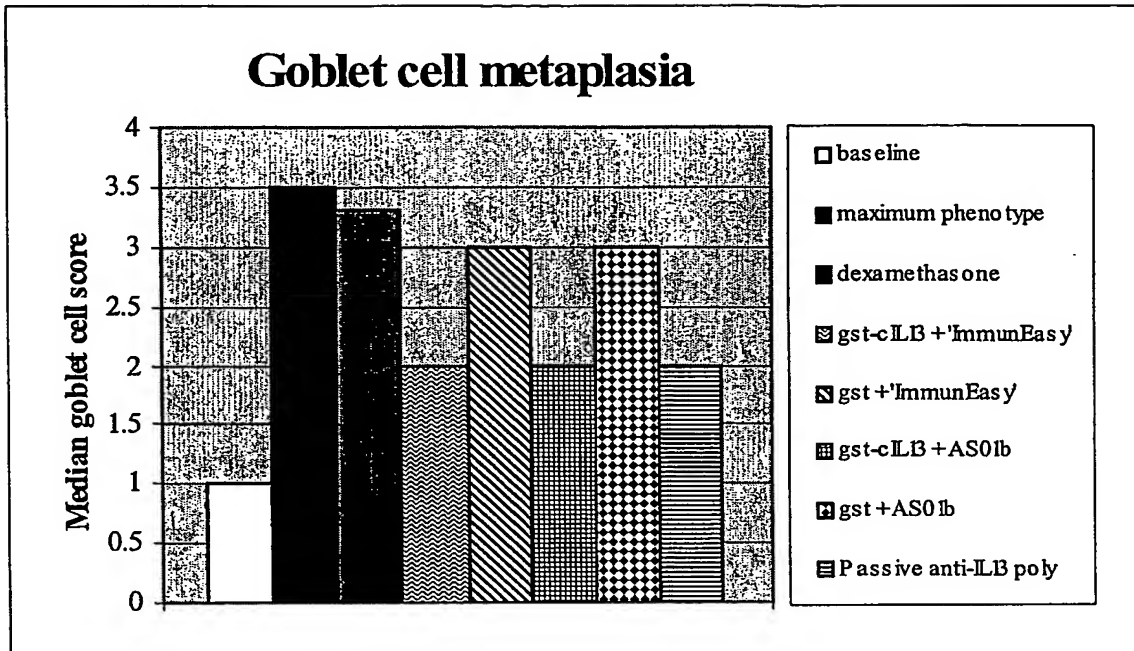


Figure 26A, gst-cIL13 + 'ImmunEasy'



Figure 26B, gst + 'ImmunEasy'



Figure 27A, gst-cIL13 + liposomes + 3D-MPL + QS21



Figure 27B, gst + liposomes + 3D-MPL + QS21



Figure 28, Dexamethasone



H030273 Dexamethasone (Batch 2) H&E, x16

Figure 29, Maximal asthmatic phenotype



Figure 30,

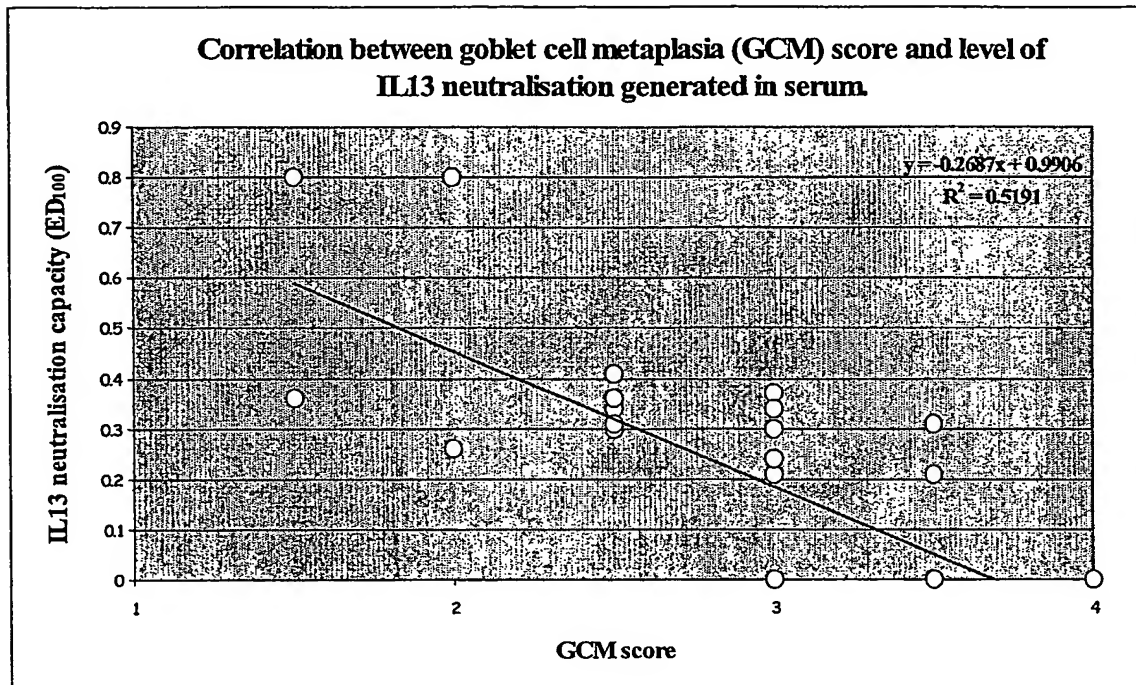


Figure 31

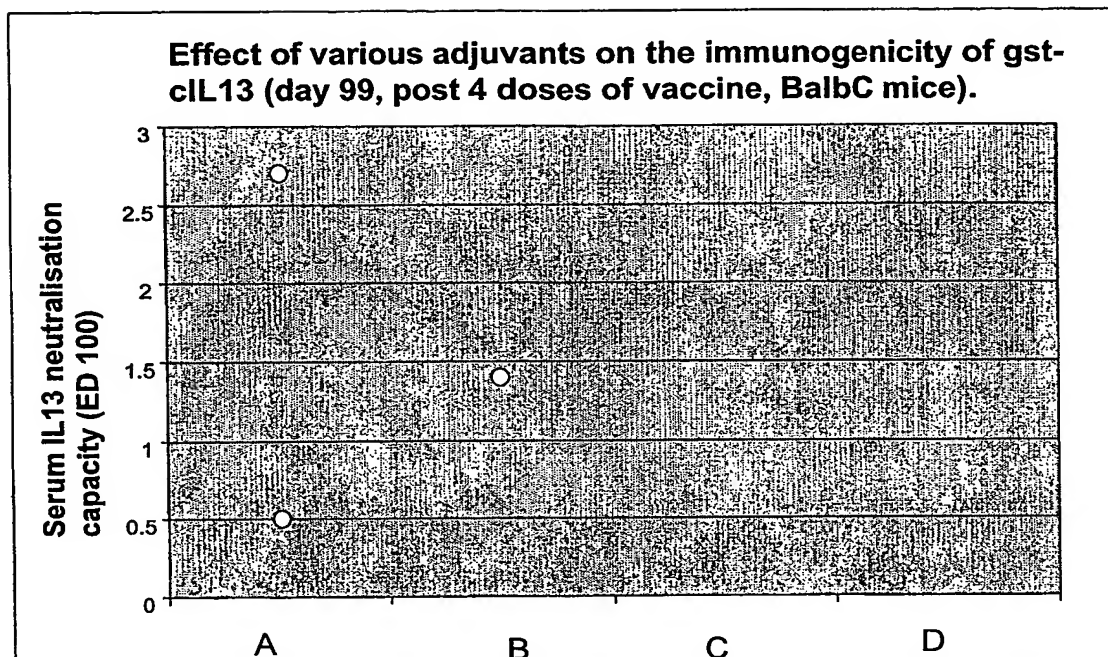


Figure 32,

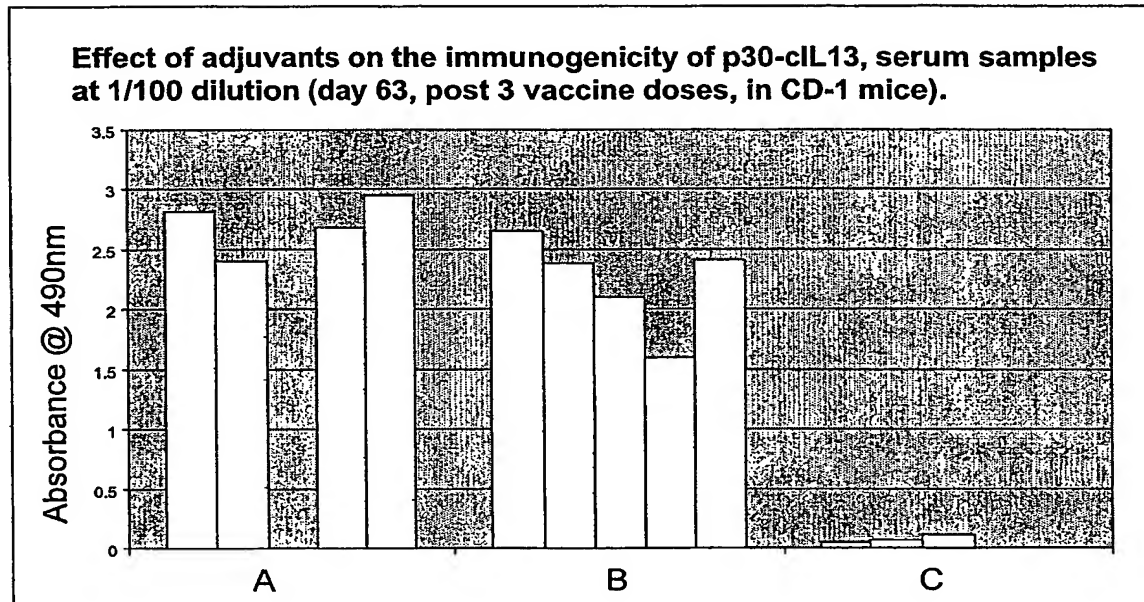


Figure 33,

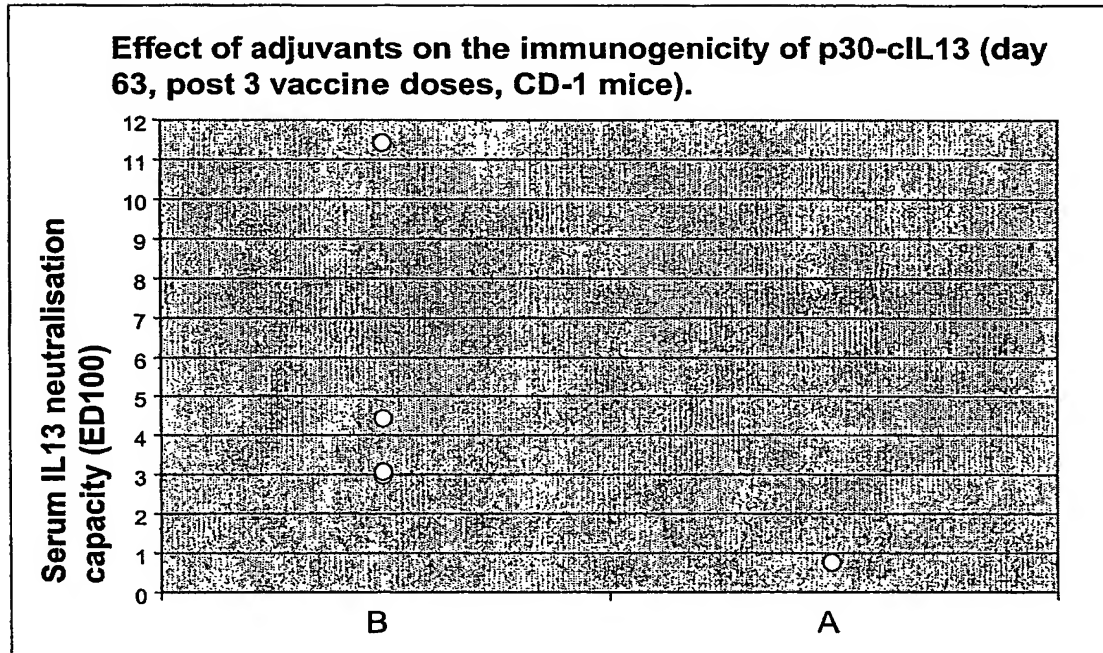


Figure 34,

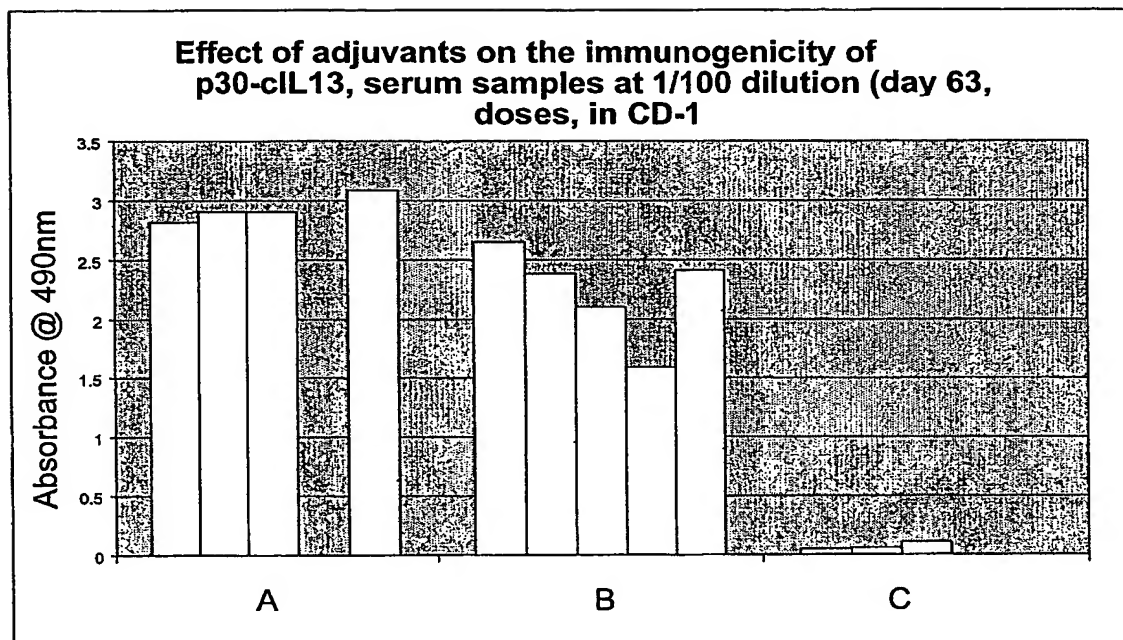


Figure 34,

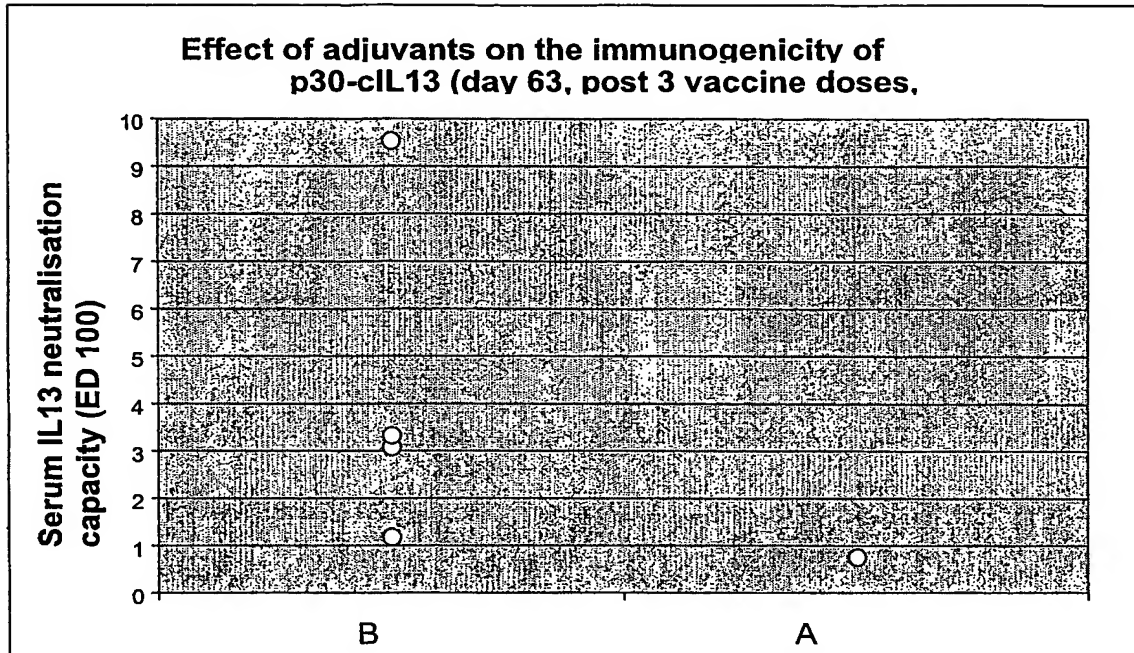


Figure 36,

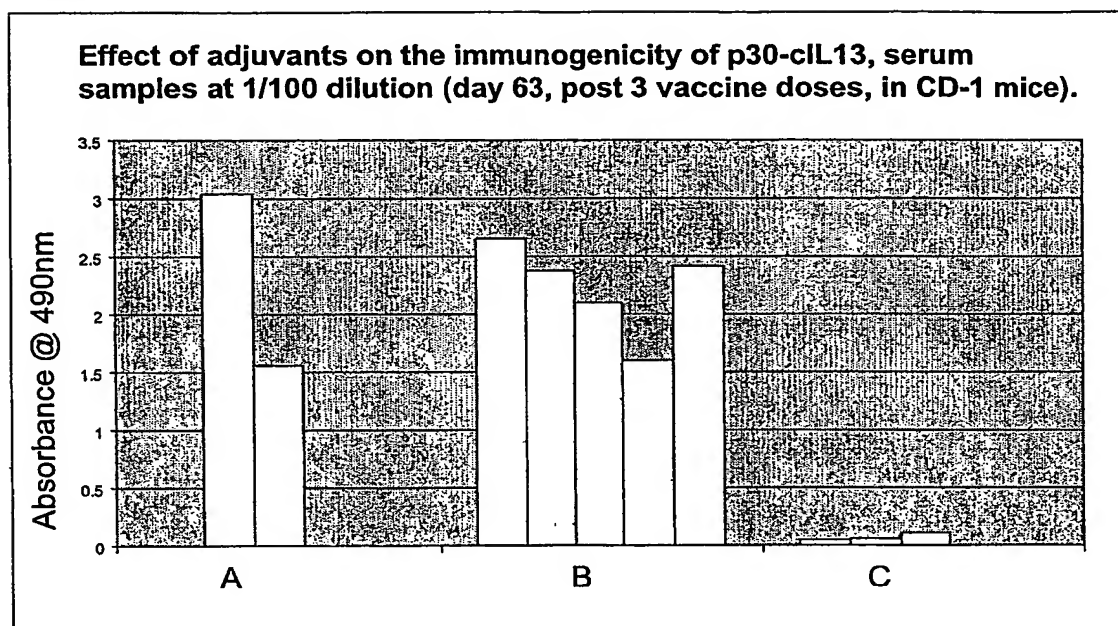


Figure 37,

